Postdoctoral Position at University of California San Francisco (UCSF) in Magnetic Resonance Metabolic Studies of Brain Tumor Models

A Postdoctoral position is currently available in the Department of Radiology and Biomedical Imaging at the University of California, San Francisco (UCSF) working with Professor Sabrina M. Ronen to investigate brain tumor models using MRI and multinuclear MRS/I, including hyperpolarized $^{13}$C MRSI, to identify metabolic biomarkers associated with glioma development and response to therapy.

The ideal candidate should have a strong background in magnetic resonance imaging and spectroscopy, experience in animal studies, familiarity with biological assays, and a strong interest in hyperpolarized $^{13}$C MRS, metabolism and cancer biology.

The successful applicant will work as part of a collaborative team and have access to a wide range of equipment. The NMR Laboratory on the Mission Bay Campus of UCSF occupies 1,660 square feet and houses several high-field spectrometers including high-resolution 800, 600, 500 and 400MHz spectrometers for solution studies, as well as 500MHZ, 600MHz and 3T scanners integrated with dedicated HyperSense™ DNP polarizers for bioreactor studies, high-resolution magic angle spinning spectroscopy and animal imaging. Adjacent facilities house equipment for translational work including 3T and 7T GE whole body MR scanners also integrated with polarizers. A dedicated cell and molecular biology laboratory of over 600 square feet, fully equipped for biological assays is located in the same building and is used for complementary investigations.

If interested please contact Dr. Sabrina M. Ronen e-mail address: sabrina.ronen@ucsf.edu (http://www.radiology.ucsf.edu/research/labs/ronen)

UCSF is an Affirmative Action/Equal Opportunity Employer. All qualified applicants are encouraged to apply, including minorities and women. UCSF seeks candidates whose experience, teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence.